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ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF ENFORCEMENT  
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER  
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER  
DENVER, COLORADO 80225

Site:	MARTHA
ID #:	MOD980633069
Break:	1.3
Other:	AR
	9/4/86

078D

TO : Leo Alderman, Chief  
Toxics and Pesticides Branch, Region 7

DATE: September 4, 1986

FROM : Dean F. Hill, Chief *Dean Hill*  
Pesticides and Toxic Substances Branch

SUBJECT: Results of Polychlorinated Biphenyl Analyses

Attached are the analytical reports for the determination of polychlorinated biphenyls (PCBs) in samples taken by your office in connection with official investigations at the following sites:

Donald McCoy, Holden, MD	(VII-86-T-625)
Charles Buxton, Johnson Co., MD	(VII-86-T-626)
Donna Thomas, Johnson Co., MD	(VII-86-T-627)
Dwight Thomas, Johnson Co., MD	(VII-86-T-629)

In summary, PCBs were detected in all of the samples except the swab sample from Donald McCoy, Holden, MO.

Please advise if you have any questions regarding these analyses and when we may dispose of the remainder of the samples.

Attachments

cc: David R. Tripp, Regional Counsel, Region VII

RECEIVED

SEP 8 1986

TOXICS & PESTICIDES  
BRANCH



40024200  
SUPERFUND RECORDS

ENVIRONMENTAL PROTECTION AGENCY  
 OFFICE OF ENFORCEMENT  
 NATIONAL ENFORCEMENT INVESTIGATIONS CENTER  
 BUILDING 53, BOX 25227, DENVER FEDERAL CENTER  
 DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : Kenneth Wang <sup>KW</sup>

SUBJECT: Results of PCB Analysis of Samples from  
 Donald McCoy, Holden, MD

On July 28, 1986 two samples were received under official custody seal from Region 7. These samples were from Donald McCoy, Holden, MD and their project number was VII-86-T-625. Analysis was requested for polychlorinated biphenyls (PCBs).

One of the two samples contained detectable levels of weathered PCBs. The results are given below.

<u>Sample Number</u>	<u>Type of Sample</u>	<u>Concentration or Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
07108628500101	Swab	ND	----
07108628500102	Debris	420 ug/g	weathered 1242, 1260

ND = None detected

The detection limit for the swab sample was 10 ug/100 cm<sup>2</sup>.

The debris result is given on a wet weight basis.

The swab sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography. The debris sample was thoroughly mixed and a separate portion was extracted into hexane/acetone. The hexane was cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

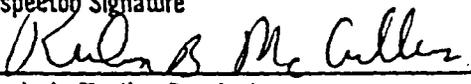
Sample 07108628500103, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences. Sample -02 was spiked with 50 ug/g of Aroclor 1260 and the recovery was 88%. Sample -02 was analyzed in duplicate with the following result.

<u>Sample Number</u>	<u>Concentration of Total PCBs, ug/g</u>		
	<u>Result #1</u>	<u>Result #2</u>	<u>Average</u>
07108628500102	406	433	420

W  
07-061-86-17-82a

 United States Environmental Protection Agency <b>Chain of Custody Record</b>		Sample Number 0710862800101	Task Number 011-86-T-625
		Inspection Number 07108628001	
Inspector Name and Address Ruben B McCullers EPA Region VII 726 Milwaukee K.C. MO 64101		Sample Name 100 cm <sup>2</sup> swab of desk in met shed.	
		Date Sample 7-10-86	Time Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Inspector Signature Ruben B McCullers		Location of Sampling Donald McCoy Holden, Mo.	
Analysis/Testing Required  PCB			
Laboratory	M.E.I.C.		
Date Received	7/28/86		
Received By	P. E. Manni /		
Sent Via	U.S. Mail		
Sample Condition	Good.		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref		
Assigned By	K.W.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	7/28/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/28/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

07-062-86-17-5

 United States Environmental Protection Agency <b>Chain of Custody Record</b>		Sample Number	Task Number
		07109624500102	011-86-T-625
Inspector Name and Address Ruben B McCullers EPA Region VII 726 Milwaukee KC MO 64101		Inspection Number	
		071096245001	
		Sample Name	debris from floor - oil spill
Inspector Signature 		Date Sample	Duplicate Requested
		7-10-86	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		Location of Sampling	Donald McCoy Holden, Mo.
Analysis/Testing Required  PCB			
Laboratory	N.E.I.C.		
Date Received	7/29/86		
Received By	R.E. Martin		
Sent Via	US MAIL		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Rd		
Assigned By	K.W.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	7/29/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/28/86		
Date Resealed	=		
Resealed By	=		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

0.029 kg

07-063-86-17-M

PCM 7/86

 United States Environmental Protection Agency <b>Chain of Custody Record</b>		Sample Number 0710962800103	Task Number 011-86-T-625
		Inspection Number 07109628001	
Inspector Name and Address Ruben B McCullers EPA Region VII 226 Milwaukee K.C. MO 64101		Sample Name Control	
Inspector Signature <i>Ruben B McCullers</i>		Date Sample 7-10-86	Time Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		Location of Sampling Donald McCoy Holden, Mo.	
Analysis/Testing Required  PCB			
Laboratory	DEFC		
Date Received	7/28/86		
Received By	R.E. Morris		
Sent Via	US Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref.		
Assigned By	K.W.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	7/29/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/29/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF ENFORCEMENT  
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER  
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER  
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : <sup>KW</sup> Kenneth Wang

SUBJECT: Results of PCB Analysis of Samples from  
Charles Buxton, Johnson Co., MO

On July 28, 1986 a sample was received under official custody seal from Region 7. This sample was from Charles Buxton, Johnson Co., MO and its project number was VII-86-T-626. Analysis was requested for polychlorinated biphenyls (PCBs).

The sample contained detectable levels of PCBs. The result is given below.

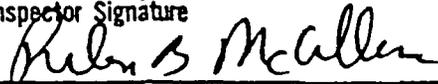
<u>Sample Number</u>	<u>Type of Sample</u>	<u>Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
07108628500201	Pipe	9100 ug/830 cm <sup>2</sup>	1242, 1260

The pipe sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

A solvent blank was analyzed with the sample and it did not contain any significant interferences.

Since the entire pipe sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples

107-064-86-78-M \*↓

 United States Environmental Protection Agency		Sample Number 0710862850101	Task Number 011-86-T-626
Chain of Custody Record		Inspection Number 07108628501	
Inspector Name and Address Ruben B. McCullers EPA Region VII 726 Mississippi KC, MO 64111		Sample Name metal parts from shed.	
Inspector Signature 		Date Sample 7-10-86	Time 
		Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		Location of Sampling Charles Buxton Johnson Co, Mo	
Analysis/Testing Required  PCB			
Laboratory	NEIC		
Date Received	7/28/86		
Received By	R. E. Manis		
Sent Via	U.S. Mail		
Sample Condition	Good (Wrap in Plastic)?		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Refer		
Assigned By	KW.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	8/13/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	8/13/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks Sample Number 0710862850101 in the chain of custody should read 07108628600201 KW 8/13/86 KW 7/27/86			

ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF ENFORCEMENT  
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER  
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER  
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : Kenneth Wang *JKW/for KW*

SUBJECT: Results of PCB Analysis of Samples from  
Donna Thomas, Johnson Co., MD

On July 28, 1986 three samples were received under official custody seal from Region 7. These samples were from Donna Thomas, Johnson, MD and their project number was VII-86-T-627. Analysis was requested for polychlorinated biphenyls (PCBs).

All of the samples contained detectable levels of various PCBs. The results are given below.

<u>Sample Number</u>	<u>Type of Sample</u>	<u>Concentration or Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
07158628500101	Swab	9900 ug	1242, 1260
07158628500102	Debris	850 ug/g	1242, 1260
07158628500103	Debris	540 ug/g	1242

The debris results are given on a wet weight basis.

The swab sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography. The debris samples were thoroughly mixed and a separate portion was extracted into hexane/acetone. The hexane was cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 07158628500104, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences. Sample -03 was spiked with 50 ug/g of Aroclor 1260 and the recovery was 99%. Two debris samples were analyzed in duplicate with the following results.

<u>Sample Number</u>	<u>Concentration of Total PCBs, ug/g</u>		
	<u>Result #1</u>	<u>Result #2</u>	<u>Average</u>
07158628500102	876	829	850
07158628500103	562	518	540

07-065-86-19-W



United States Environmental Protection Agency

### Chain of Custody Record

Sample Number	Task Number
071586285001	U11-86-T-627

Inspection Number
071586285001

Inspector Name and Address  
 Robert B McCullers  
 EPA Region VII  
 726 Massachusetts  
 Kansas City, MO 64101

Sample Name SWAB/debris from P1112  
 in truck trailer

Date Sample	Time	Duplicate Requested
7-15-86		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Inspector Signature  
 Robert B McCullers

Location of Sampling Donna Thomas  
 Johnson Co., Mo.

Analysis/Testing Required  
 PCB

Laboratory	NEIC		
Date Received	7/28/86		
Received By	R.E. Mann		
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Relax		
Assigned By	K.W.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	8/1/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	8/1/86		
Date Resealed			
Resealed By			
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

07-066-86-19-10



United States Environmental Protection Agency

### Chain of Custody Record

Sample Number	Task Number
071586285002	U11-86-T-627

Inspection Number
071586285001

Inspector Name and Address  
*Ruben B McCullers*  
 EPA Region VII  
 726 Minnesota  
 K C IRS 66101

Sample Name *SWAB/debris sample from Table saw in Pickup.*

Date Sample	Time	Duplicate Requested
7-15-86		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Inspector Signature  
*Ruben B McCullers*

Location of Sampling *Donna Thomas Johnson Co., Mo.*

Analysis/Testing Required  
*PCB*

Laboratory	<i>NEIC</i>		
Date Received	<i>7/28/86</i>		
Received By	<i>R. C. Mann</i>		
Sent Via	<i>U.S. Mail</i>		
Sample Condition	<i>Good.</i>		
Condition of Seals	<i>Intact</i>		
Units Received	<i>1</i>		
Storage Location	<i>Rubs</i>		
Assigned By	<i>K.W.</i>		
Assigned To	<i>AP</i>		
Delivered By	<i>AP</i>		
Date Delivered	<i>8/1/86</i>		
Number of Units Received	<i>1</i>		
Units Analyzed	<i>1</i>		
Date Seal Broken	<i>8/1/86</i>		
Date Resealed			
Resealed By			
Storage Location	<i>Bldg 45</i>		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

07-067-86-19-S



United States Environmental Protection Agency

Chain of Custody Record

Sample Number 071586285003 Task Number U11-86-T-627

Inspection Number 071586285001

Inspector Name and Address: Ruben B McCullers, EPA Region VII, 726 Minnesota, KCIKS 66101

Sample Name: oily debris sample from press in pickup

Date Sample: 7-15-86 Time: Duplicate Requested: [ ] Yes [X] No

Inspector Signature: Ruben B McCullers

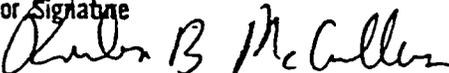
Location of Sampling: DONNA THOMAS Johnson Co., Mo.

Analysis/Testing Required: PCB

Table with columns for Laboratory, Date Received, Received By, Sent Via, Sample Condition, Condition of Seals, Units Received, Storage Location, Assigned By, Assigned To, Delivered By, Date Delivered, Number of Units Received, Units Analyzed, Date Seal Broken, Date Resealed, Resealed By, Storage Location, Date Results of Analysis Issued to EPA, Date Results of Analysis Issued to Facility.

Remarks

07-068-86-19-M

 United States Environmental Protection Agency		Sample Number 0715862850004	Task Number 011-86-T-627
Chain of Custody Record		Inspection Number 071586285001	
		Sample Name Control	
Inspector Name and Address Ruben B McCallers EPA Region VII 726 Minnesota KC KS 66101		Date Sample 7-15-86	Time Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Inspector Signature 		Location of Sampling DONNA THOMAS Johnson Co., Mo.	
Analysis/Testing Required  PCB			
Laboratory	NEIC		
Date Received	7/28/86		
Received By	R. S. Munn		
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Refs		
Assigned By	K.W.		
Assigned To	AR		
Delivered By	AR		
Date Delivered	8/1/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	8/1/86		
Date Resealed			
Resealed By			
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF ENFORCEMENT  
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER  
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER  
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : Kenneth Wang *Wang*

SUBJECT: Results of PCB Analysis of Samples from  
Dwight Thomas, Johnson Co., MO

On July 28, 1986 two samples were received under official custody seal from Region 7. This sample was from Dwight Thomas, Johnson Co., MO and their project number was VII-86-T-629. Analysis was requested for polychlorinated biphenyls (PCBs).

All of the samples contained detectable levels of various PCBs. The results are given below.

<u>Sample Number</u>	<u>Type of Sample</u>	<u>Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
071886285002-01	Swab	310 ug/100 cm <sup>2</sup>	1242, 1260
071886285002-02	Swab	10300 ug/100 cm <sup>2</sup>	1242, 1260

The swab samples were extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 071886285002-03, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences.

Since the entire swab sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples

107-077-86-21-W



United States Environmental Protection Agency

### Chain of Custody Record

Sample Number 07188628500201	Task Number 011-86-T-629
---------------------------------	-----------------------------

Inspection Number  
071886285002

Inspector Name and Address  
Ruben B McCullers  
EPA Region VII  
720 Michigan  
KCKS 66101

Sample Name 100 cm<sup>2</sup> swab of motor

Date Sample 7-18-86	Time	Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
------------------------	------	--------------------------------------------------------------------------------------------

Inspector Signature  
Ruben B McCullers

Location of Sampling Dwight Thomas  
John son Co, MO

Analysis/Testing Required  
PCB

Laboratory	WEIC		
Date Received	7/28/86		
Received By	R. C. Mouri		
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Rfls		
Assigned By	KJ		
Assigned To	7/29/86 KJ AP		
Delivered By	AP		
Date Delivered	7/29/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/29/86 7/28/86 7/29/86		
Date Resealed	—		
Resealed By	—		
Storage Location	Building 45-		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

07-078-16-21-W



United States Environmental Protection Agency

### Chain of Custody Record

Sample Number 07188628500202	Task Number 011-86-T-629
---------------------------------	-----------------------------

Inspection Number 071886285002
-----------------------------------

Inspector Name and Address  
 Ruben B McCullors  
 EPA Region VII  
 720 Michigan  
 KC, MO 66101

Sample Name 100 g cm of WIRE ROPE

Date Sample 7-18-86	Time	Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
------------------------	------	--------------------------------------------------------------------------------------------

Inspector Signature

Location of Sampling Dwight Thomas  
Johnson Co, MO

Analysis/Testing Required  
PCB

Laboratory	WEIC		
Date Received	7/28/86		
Received By	D. C. [unclear]	1	
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref		
Assigned By	[unclear] KW		
Assigned To	7/29/86 [unclear] AP		
Delivered By	AP		
Date Delivered	7/29/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/29/86 7/28/86 7/29/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Building 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

07-079-86-21-M



United States Environmental Protection Agency

Sample Number

Task Number

07188628500203

011-86-T-629

### Chain of Custody Record

Inspection Number

071886285002

Sample Name

control

Inspector Name and Address

Ruben B McCallors  
EPA Region VII  
72C Michigan  
KCMO 66161

Date Sample

7-18-86

Time

Duplicate Requested

Yes  No

Inspector Signature

*Ruben B McCallors*

Location of Sampling

Dwight Thomas  
Johnson Co, MO

Analysis/Testing Required

PCB

Laboratory	WEIC		
Date Received	7/28/86		
Received By	R. E. Mann		
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Rm		
Assigned By	KJ		
Assigned To	KJ AP		
Delivered By	AP		
Date Delivered	7/29/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/29/86 7/28/86 7/25/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Building 4C		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

DATE 7/18/86

SUBJECT Transmittal of Laboratory Data

FROM Robert D. Kleopfer, Ph. D.  
Chief, Laboratory Branch, ENSV

*H. B. Brown*

TO Alderman, ARTX

Analyses have been completed for the following activities and the data results are attached.

Activity No.	Description
FKJ8D	American Steel
	(complete transmittal)

Attachments

cc: Data Files

✓ cc: Hensley

Chain of Custody Record

Inspection of  
 091186400701  
 Sample Name American Steelworks, Inc  
 ICC MD

Inspector Name and Address  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

Date Sample Taken 9-11-86  
 Date Reported (i.e. Test Date)

Inspector Signature  
*David A. Phillippi*

Location of Sampling 100 cm<sup>2</sup> swab of Type water

Amount/Volume Analyzed  
 PCB

Laboratory	Reg 7 EPA		
Date Received	9/12/86		
Received By	Personal delivery		
Best Man	Harold Brown		
Sample Condition	GOOD		
Condition of seals	INTACT		
Units Received	ONE		
Storage Location	ROOM 158		
Assigned By	BROWN		
Assigned To	HAAAS		
Delivered by	BROWN		
Date Delivered	9-12-86		
Number of Units Received	ONE		
Units Analyzed			
Date Seal Broken	9-12-86		
Date Received			
Received by			
Storage Location	ROOM 158		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

UNITED STATES PROTECTION AGENCY SAMPLE SEAL

SAMPLE NO. 091186400701-01 DATE 9-11-86  
 SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
 David Phillippi / Biologist

SEAL BROKEN BY 6.674  
 DATE 9-12-86  
 EPA FORM 7500-2 (87-75)



United States Environmental Protection

### Chain of Custody Record

Sample Number	0002	Case Number	0786683
Inspection Number	091186400701		
Sample Name	American Steelworks, Inc		
	KC MO		
Date Sample	9-11-86	Time	
Duplicate Requested	1, Yes ( ) No		
Inspector Signature	David A. Phillippi		
Location of Sampling	Control		

Inspector Name and Address  
**David A. Phillippi**  
 726 MN Ave  
 KC, KS - 66101

Inspector Signature  
*David A. Phillippi*

Analyte(s) identified  
**PCB**

Laboratory	Reg 7 EPA		
Date Received	9/12/86		
Received By	Personal delivery		
Sent Via	Harold B. Brown		
Sample Condition	GOOD		
Condition of Seal	INTACT		
Units Received	ONE		
Storage Location	ROOM 158		
Assigned By	BROWN		
Assigned To	HAA S		
Delivered by	BROWN		
Date Delivered	9-12-86		
Number of Units Received	ONE		
Units Analyzed			
Date Seal Broken	9-12-86		
Date Analyzed			
Received by			
Storage Location	ROOM 158		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

STATES PROTECTION AGENCY SAMPLE SEAL	SAMPLE NO.	091186400701 - 02	DATE	9-11-86
	SIGNATURE	<i>David A. Phillippi</i>		
	PRINT NAME AND TITLE	David Phillippi, Inspector, Analyst or Technician		
	SEAL BROKEN BY	DATE	9-12-86	
	EPA FORM 7500-2 (11-7-79)			

Chain of Custody Record

Inspector Name and Address  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

Inspection No. 091186400701  
 Sample Name American Steelworks, Inc.  
 ICC MO  
 Date Sample 9-11-86  
 Duplicate Requested ( ) Yes ( ) No

Inspector Signature  
*David A. Phillippi*

Location of Sample 100 cm.<sup>2</sup> swab of  
 Gas Chromatograph

Analysis/analyte requested  
 PCB

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Personal delivery	
sent Via	Harold B. Brown	
Sample Container	GOLD <del>GOOD</del> , 9-12-86 67y.	
Condition of seal	INTACT	
Units received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAAS	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of units received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Analyzed		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

TATES  
 ETECTION AGENCY  
 APLE SEAL

SAMPLE NO. 091186400701-03 DATE 9-11-86  
 SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
 David A. Phillippi / Biologist

SEAL BROKEN BY  
 DATE 9-12-86  
 EPA FORM 7500-2 (107-75)

Chain of Custody Record

Inspector Name and Address:  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

04 | 0786683  
 Inspection #  
 091186400701  
 Sample Name American Steelworks, Inc  
 K C Mo  
 Date Sampled 9-11-86  
 Date Requested ( ) Yes ( ) No

Inspector Signature  
*David A. Phillippi*

Location of Sampling 100 cm<sup>2</sup> ~~soil~~ surface  
 & wood deck

Analysis requested  
 PCB

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Personal delivery	
Deliv Via	Harold B. Brown	
Sample Condition	GOOD	
Condition of seals	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned To	BROWN	
Assigned To	HAAS	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Released		
Released by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

STATES  
 DETECTION AGENCY  
 SAMPLE SEAL

SAMPLE NO. 091186400701-04 DATE 9-11-86  
 SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
 David Phillippi / Biologist

SEAL BROKEN BY  
 DATE 9-12-86  
 EPA FORM 7500-2 (17-75)

Chain of Custody Record

Inspector Name and Address  
**David A. Phillippi**  
 726 MN Ave  
 KC, KS - 66101

Inspection No. **091186400701**  
 Sample Name **American Steelworks, Inc.**  
**KC MO**

Date Sample Taken **9-11-86**  
 Duplicate Requested ( ) Yes ( ) No

Inspector Signature  
*David A. Phillippi*

Location of Sampling **100 cm<sup>2</sup> swab of File Cabinet**

Analysis requested  
**PCB**

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Personal delivery	
Point Via	Harold B. Brown	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAA S	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

D STATES PROTECTION AGENCY SAMPLE SEAL

SAMPLE NO. **091186400701-05** DATE **9-11-86**  
 SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE **David Phillippi / Biologist** (Inspector, Analyst & Technician)

SEAL BROKEN BY **6.8.7.3**  
**09/12/86**  
 EPA FORM

Chain of Custody Record

Inspector Name and Address:  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

Inspection No. 091186400701  
 Sample Name American Steelworks, Inc.  
 KC MO  
 Date Sampled 9-11-86  
 Duplicate Requested ( ) Yes ( ) No

Inspector Signature  
*David A. Phillippi*

Location of Sampling 100 cm.<sup>2</sup> swab of  
 MASS SPEC

Analysis/Identify, submitted

PCB

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Personal delivery	
Best Via	Harold S. Brown	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAA S	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

STATES  
 PROTECTION AGENCY  
 SAMPLE SEAL

SAMPLE NO. 091186400701-06 DATE 9-11-86

SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
 David Phillippi - Biologist

SEAL BROKEN BY  
 DATE 9-12-86  
 EPA FORM 7500-2 (87-78)

**Chain of Custody Record**

Inspector Name and Address:  
**David A. Phillippi**  
**726 MN Ave**  
**KC, KS - 66101**

Inspection Number  
**091186400701**  
 Sample Name **American Steelworks, Inc.**  
**KC MO**

Inspector Signature  
*David A. Phillippi*

Date Sampled **9-11-86** Duplicate Requested (Yes/No)  
 Location of Sampling **debris from Brand SA**

Analyte(s) requested  
**PCB**

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received by	Personal delivery	
Best Use	Harold S. Brown	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAA S	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Released	<del>9-12-86</del> 9-12-86	
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks **5.2 gm. REMOVED FOR ANALYSIS.**

STATE PROTECTION AGENCY SEAL

SAMPLE NO. **091186400701-07** DATE

SIGNATURE *David A. Phillippi*

PRINT NAME AND TITLE **David Phillippi / Biologist** (Inspector, Analyst or Technician)

SEAL BROKEN BY **6.6.78** DATE **9-12-86**

EPA FORM 7600-2 (87-78)



United States  
Environmental Protection  
Agency

Chain of Custody Record

Inspection Number **08** | 0786683

Inspection Number  
**091186400701**

Sample Name **American Steelworks, Inc.**  
**KC MO**

Inspector Name and Address  
**David A. Phillippi**  
**726 MN Ave**  
**KC, KS - 66101**

Date Sample Taken **9-11-86** | Date Requested

Inspector Signature  
*David A. Phillippi*

Location of Sampling **100 cm<sup>2</sup> swab of**  
**Forklift No 566**

Analysis requested  
**PCB**

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Personal delivery	
Point of View	Harold B. Brown	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAA S	
Delivered By	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

STATE OF MISSOURI  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SAMPLE SEAL

SAMPLE NO. **091186400701-08** | DATE

SIGNATURE  
*David A. Phillippi*

PRINT NAME AND TITLE  
**David Phillippi / Biologist**

SEALED BY  
**B.B. N.Y.**  
DATE  
**9-12-86**  
EPA FORM  
7600-2 (R7-78)



United States  
Environmental Protection  
Agency

Chain of Custody Record

0188009 0786683

Inspection Number  
091186400701

Sample Name American Steelworks, Inc.  
KC MO

Date Sample 9-11-86  
Duplicate Requested ( ) Yes ( ) No

Inspector Name and Address  
David A. Phillippi  
726 MN Ave  
KC, KS - 66101

Inspector Signature  
*David A. Phillippi*

Location of Sampling 100 cm<sup>2</sup> swab of  
Iron Worker

Amount/substrate requested  
PCB

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received by	Personal delivery	
Date Vis	Harold G. Brown	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Received by	BROWN	
Assigned to	HAAS	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

STATE'S  
OTECTION AGENCY  
APLE SEAL

SAMPLE NO. 091186400701-09 DATE 9-11-86  
SIGNATURE *David A. Phillippi*  
PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
David Phillippi / Biologist

DATE RECEIVED  
9-12-86  
EPA FORM  
7500-2 (17-73)



United States  
Environmental Protection  
Agency

Chain of Custody Record

Sample ID: PKJ8D010  
Inspection Number: 10  
Case Number: 0786683

Inspector Name and Address:  
David A. Phillippi  
726 MN Ave  
KC, KS - 66101

Inspection Author: 091186400701  
Sample Name: American Steelworks, Inc.  
KC MO

Date Sample: 9-11-86  
Time:  
Substrate Requested (1, 2, 3, 4) No

Inspector Signature:  
*David A. Phillippi*

Location of Sampling: 100 cm<sup>2</sup> SWAB of  
Hobart Welder

Analyte(s) to be analyzed:  
PCB

Laboratory	Reg 7 EPA		
Date Received	9/12/86		
Received By	Personal delivery		
Send Via	Harold G. Brown		
Sample Condition	GOOD		
Condition of Seal	INTACT		
Units Received	ONE		
Storage Location	ROOM 158		
Assigned To	BROWN		
Assigned To	HAAS		
Delivered to:	BROWN		
Date Delivered	9-12-86		
Number of Units Received	ONE		
Units Analyzed			
Date Seal Broken	9-12-86		
Date Analyzed			
Received by			
Storage Location	ROOM 158		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

STATES  
PROTECTION AGENCY  
SAMPLE SEAL

SAMPLE NO: 091186400701-10  
DATE: 9-11-86  
SIGNATURE: *David A. Phillippi*  
PRINT NAME AND TITLE: David Phillippi / Biologist  
(Inspector, Analyst or Technician)

SEAL BROKEN BY: 091186  
DATE: 9-12-86  
EPA FORM 7500-2 (17-78)

**Chain of Custody Record**

Inspector Name and Address  
**David A. Phillippi**  
**726 MN Ave**  
**KC, KS - 66101**

Sample Name **American Steelworks, Inc.**

Site Name **KC MO**  
 Date Sampled **9-11-86**  
 Duplicate Requested

Inspector Signature  
*David A. Phillippi*

Location of Sampling **100 cm<sup>2</sup> swab of steel beam in trailer # 745-7**

Analysis Requested  
**PCB**

Subsidiary	Reg 7 EPA	
Date Received	9/12/86	
Received By	Harold G. Brown	
Deliv. Via	Personal delivery	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned To	BROWN	
Assigned To	HAAS	
Delivered to	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Analyzed	9-12-86	
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

STATES DETECTION AGENCY SAMPLE SEAL

SAMPLE NO. **091186400701-11** DATE **9-11-86**

SIGNATURE *David A. Phillippi*

PRINT NAME AND TITLE **David Phillippi / Biologist** (Inspector, Analyst or Technician)

SEAL BROKEN BY **D.A.P.** DATE **9-12-86**

EPA FORM 7500-2 (17-75)



United States Environmental Protection Agency

Chain of Custody Record

Sample Number: 0786683

Inspection Number: 091186400701

Inspector Name and Address:  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

Sample Name: American Steelworks, Inc  
 KC MO

Date Sample: 9-11-86  
 Duplicate Requested: No

Inspector Signature:  
*David A. Phillippi*

Location of Sampling: debris from Products on Trailer # 745-T52

Analyte(s) identified, requested:  
 PCB

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Harold Brown	
Send Via	Personal delivery	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAS	
Delivered By	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received By		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks: 7.7gm REMOVED FOR ANALYSIS.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
OFFICIAL SAMPLE SEAL

SAMPLE NO. 091186400701-12 DATE 9-11-86

SIGNATURE *David A. Phillippi*

PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
David A. Phillippi / Biologist

SEAL BROKEN BY: 09/14/86

DATE: 9-12-86

EPA FORM 7500-2 (17-75)



United States  
Environmental Protection  
Agency

Chain of Custody Record

Sample Number: 13-53013 Case Number: 0786683

Inspection Number: 091186400701

Director Name and Address:  
David H. Phillippi  
726 MN Ave  
KC, KS - 66101

Sample Name: American Steelworks, Inc.  
KC MO

Date Sample: 9-11-86  
Duplicate Requested ( ) Yes ( ) No

Inspector Signature:  
*David H. Phillippi*

Location of Sampling: 100 cm.<sup>2</sup> swab of  
Grinder on Trailer # 745-752

Analysis/Tests requested:  
PCB

Laboratory	Reg 7 EPA		
Date Received	9/12/86		
Received By	Harold B. Brown		
Delivery Via	Personal delivery		
Sample Condition	GOOD		
Condition of Seal	INTACT		
Units Received	ONE		
Storage Location	ROOM 158		
Assigned By	BROWN		
Assigned To	HAA S		
Delivered by	BROWN		
Date Delivered	9-12-86		
Number of Units Received	ONE		
Units Analyzed			
Date Seal Broken	9-12-86		
Date Received			
Received by			
Storage Location	ROOM 158		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks

STATES  
PROTECTION AGENCY  
SAMPLE SEAL

SAMPLE NO. 091186400701-13 DATE 9-11-86  
SIGNATURE *David H. Phillippi*  
PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
David H. Phillippi / Director

STATE OF KANSAS  
9-12-86  
PA FORM  
100-8 (RT-78)



United States  
Environmental Protection  
Agency

Chain of Custody Record

Sample Number: **EXJ8D014**  
 14  
 Case Number: **0786683**

Inspection Number: **091186400701**

Inspector Name and Address:  
**David A. Phillippi**  
**726 MN Ave**  
**KC, KS - 66101**

Sample Name: **American Steelworks, Inc**  
**KC MO**

Date Sample: **9-11-86**  
 Duplicate Requested:  Yes  No

Inspector Signature:  
*David A. Phillippi*

Location of Sample: **100 cm.<sup>2</sup> SWAB of**  
**Trailer bed NO. 745-TSZ**

Analysis requested:  
**PCB**

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Harold G. Brown	
Send Via	Personal delivery	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAAS	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks

STATES  
 PROTECTION AGENCY  
 ANALYSIS SEAL

SAMPLE NO. **091186400701-14** DATE **9-11-86**  
 SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE **David Phillippi / Binnoist** (Inspector/Analyst or Technician)

SEAL BROKEN BY **B.B. N.Y.**  
 DATE **9-12-86**  
 EPA FORM **1500-2 (107-75)**

Chain of Custody Record

Inspector Name and Address  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

Inspection No. 091186400701  
 Sample Name American Steelworks, Inc.  
 ICC MO  
 Date Sampled 9-11-86  
 Date Analyzed  
 Date Results Requested ( ) Yes ( ) No

Inspector Signature  
*David A. Phillippi*

Location of Sampling 100 cm<sup>2</sup> swab of Fork lift Blade/Trailer # 746-T3Z

Analysis requested  
 PCB

Laboratory	Reg 7 EPA	
Date Received	9/12/86	
Received By	Harold B. Brown	
Delivery Via	Personal delivery	
Sample Condition	GOOD	
Condition of Seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned By	BROWN	
Assigned To	HAA S	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Analyzed		
Assigned by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks  
 Some water

STATES PROTECTION AGENCY SAMPLE SEAL

SAMPLE NO. 091186400701 -15 DATE 9-11-86  
 SIGNATURE *David A. Phillippi*  
 PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
 David Phillippi / Biologist

SEAL BROKEN BY  
 DATE 9-12-86  
 EPA FORM 7500-2 (R7-75)

Chain of Custody Record

Inspector Name and Address  
 David A. Phillippi  
 726 MN Ave  
 KC, KS - 66101

Inspection Number  
 091186400701-~~8~~  
 Sample Name American Steelworks, Inc  
 KC MO

Date Sample	Time	Duplicate Requested (i.e. Yes) No
9-11-86	11:00 A	

Inspector Signature  
*David A. Phillippi*

Location of Sampling 100 cm.<sup>2</sup> SWAB of Catch Pan on trailer # 746-T5Z

Analysis/Identical requested  
 PCB

Laboratory	WP 471-4 Reg 7 EPA	
Date Received	9/12/86	
Received by	Harold B. Brown	
Delivery Via	Personal delivery	
Sample Container	BOTTOM OF VIAL CRACKED.	
Condition of seal	INTACT	
Units Received	ONE	
Storage Location	ROOM 158	
Assigned by	BROWN	
Assigned to	H A A S	
Delivered by	BROWN	
Date Delivered	9-12-86	
Number of Units Received	ONE	
Units Analyzed		
Date Seal Broken	9-12-86	
Date Received		
Received by		
Storage Location	ROOM 158	
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility

Remarks  
 Some water

STATES SECTION AGENCY SEAL

SAMPLE NO. 091186400701 -16 DATE 9-11-86  
 SIGNATURE: *David A. Phillippi*  
 PRINT NAME AND TITLE (Inspector, Analyst or Technician)  
 EPA David Phillippi / 1310/09157

SEAL BROKEN BY  
 DATE 9-12-86  
 EPA FORM 7500-2 (10-78)

ANALYSIS TYPE: WIFE SAMPLES--PCBS ONLY

*ug/wipe*

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP:-----

*SN*

ANALYST/ENTRY: SYR

MATRIX: *FISH wipe*  
 METHOD: B111571  
 REVIEWER: -----

*NSB*

UNITS: ~~MG/KG~~  
 CASE:  
 DATE: 09/17/86

SAMPLE NUMBERS -

COMPOUND

FKJ8D001

*Typewritten*

FKJ8D002

*control*

FKJ8D003

*GC*

FKJ8D004

*wood desk*

COMPOUND	FKJ8D001	U	FKJ8D002	U	FKJ8D003	U	FKJ8D004	U
PCB1221	3.00	U	3.00	U	3.00	U	3.00	U
PCB1232	1.00	U	1.00	U	1.00	U	1.00	U
PCB1016 OR .	4.00	U	4.00	U	4.00	U	4.00	U
PCB1242	4.00	U	4.00	U	4.00	U	4.00	U
PCB1248	4.00	U	4.00	U	4.00	U	4.00	U
PCB1254	4.00	U	4.00	U	4.00	U	4.00	U
PCB1260	1.00	U	1.00	U	1.00	U	1.00	U

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

ug/wipe

TITLE: ROSE CHEMICAL

MATRIX: FISH wipe

UNITS: ug/kg

LAB: EPA 7

METHOD: 8111S71

CASE:

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: SK SR

REVIEWER: 21573

DATE: 09/17/86

SAMPLE NUMBERS

COMPOUND	FKJ8D005 <i>File Cabinet</i>	FKJ8D006 <i>Mass Spec</i>	FKJ8D008 <i>Fork Lift</i>	FKJ8D009 <i>Iron Works (in a kind)</i>
PCB1221	3.00 U	3.00 U	3.00 U	3.00 U
PCB1232	1.00 U	1.00 U	1.00 U	1.00 U
PCB1016 DR	4.00 U	4.00 U	4.00 U	4.00 U
PCB1242	4.00 U	4.00 U	100	7300.
PCB1248	4.00 U	4.00 U	4.00 U	4.00 U
PCB1254	4.00 U	4.00 U	770	1400.
PCB1260	1.00 U	1.00 U	1800.	1300.

ANALYSIS TYPE: WIPE SAMPLES--~~MS~~ ONLY

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

MATRIX: FISH ~~wipe~~  
 METHOD: 8111S71  
 REVIEWER: \_\_\_\_\_

*ug/wipe*  
 UNITS: ~~MG/KG~~  
 CASE:  
 DATE: 09/17/86

*SJK*  
 ANALYST/ENTRY: SXR

*7/15/83*

SAMPLE NUMBERS

COMPOUND	FKJ8D015	FKJ8D016
FCB1221	9.00 U	9.00 U
FCB1232	3.00 U	3.00 U
FCB1016 OR	12.0 U	12.0 U
FCB1242	12.0 U	12.0 U
FCB1248	130	58.0 M
FCB1254	270	130
FCB1260	700	340

*Fork lift blade*

*Catch basin on trailer*

ANALYSIS TYPE: WIPE SAMPLES--BS ONLY

mg/Wipe

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP:----- ANALYST/ENTRY: SXR

MATRIX: FISH Wipe

METHOD: 8111S71-*NSB*

REVIEWER: -----

UNITS: ~~MG/KG~~

CASE:

DATE: 09/17/86

SAMPLE NUMBERS

COMPOUND	FKJ8D010 <i>Welder</i>	FKJ8D011 <i>Steel beam on trailer</i>	FKJ8D013 <i>Grinder</i>	FKJ8D014 <i>Trailer bed</i>
PCB1221	3.00 U	3.00 U	30.0 U	9.00 U
PCB1232	1.00 U	1.00 U	10.0 U	3.00 U
PCB1016 OR	4.00 U	4.00 U	40.0 U	12.0 U
PCB1242	370	90.0	1000.	12.0 U
PCB1248	4.00 U	4.00 U	40.0 U	70.0 M
PCB1254	190	690	3500.	160
PCB1260	200	1100.	5100.	700

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP:-----

MATRIX: SEDIMENT  
 METHOD: 8111S71  
 REVIEWER: -----

UNITS: UG/KG (Wb)  
 CASE:  
 DATE: 09/16/86

ANALYST/ENTRY: SR2

SAMPLE NUMBERS -

COMPOUND	FKJBD007		FKJBD012	
PCB1221	250	U	250	U
PCB1232	100	U	100	U
PCB1016 DR	300	U	300	U
PCB1242	5500.		8400.	
PCB1248	300	U	300	U
PCB1254	1100.		1100.	
PCB1260	790		1600.	

*Debris from  
band saw*

*Debris from  
the rollers  
(Web roll)*

ANALYSIS TYPE: WIFE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

*SR*

ANALYST/ENTRY: SR1

MATRIX: <sup>WIFE</sup> WATER  
 METHOD: 8111S71  
 REVIEWER: \_\_\_\_\_

*WBB*

UNITS: UG/Wife Sample  
 CASE:  
 DATE: 10/09/86

SAMPLE NUMBERS

COMPOUND	K158D001	K158D002	K158D003	K158D004
PCB1221	150 U	15.0 U	15.0 U	15.0 U
PCB1232	50.0 U	5.00 U	5.00 U	5.00 U
PCB1016 OR	200 U	20.0 U	20.0 U	20.0 U
PCB1242	200 U	20.0 U	20.0 U	20.0 U
PCB1248	750	42.0	81.0	20.0 U
PCB1254	410	33.0	20.0 U	20.0 U
PCB1260	35.0	5.00 U	250	5.00 U

*1051205  
 VAT  
 100cm<sup>2</sup>*

*1051205  
 VAT  
 100cm<sup>2</sup>*

*Boat  
 400cm<sup>2</sup>*

*Boat  
 500cm<sup>2</sup>  
 100cm<sup>2</sup>*

**DRAFT**

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL  
LAB: EPA 7  
SAMPLE PREP: \_\_\_\_\_

MATRIX: <sup>oil</sup> ~~SEDIMENT~~  
METHOD: 7201H00  
REVIEWER: \_\_\_\_\_

UNITS: UG/KG  
CASE:  
DATE: 10/15/86

*SR*

ANALYST/ENTRY: SRI

SAMPLE NUMBERS

COMPOUND	K158D005		K158D006		K158D012	
PCB1221	25.0	U	130	U	130	U
PCB1232	10.0	U	50.0	U	50.0	U
PCB1016 OR	30.0	U	150	U	150	U
PCB1242	30.0	U	150	U	210000.	
PCB1248	60.0	M	480		150	U
PCB1254	100		340		170000.	
PCB1260	290		480		56000.	

**DRAFT**

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

ug/wipe sample

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: SK1

MATRIX: FISH Wipe

METHOD: 8111S71

REVIEWER: \_\_\_\_\_

UNITS: MG/KG

CASE:

DATE: 10/10/86

SAMPLE NUMBERS

COMPOUND	K158D007		K158D008		K158D009		K158D010	
PCB1221	75.0	U	15.0	U	15.0	U	75.0	U
PCB1232	25.0	U	5.00	U	5.00	U	25.0	U
PCB1016 OR	100	U	20.0	U	20.0	U	100	U
PCB1242	100	U	20.0	U	20.0	U	1300.	
PCB1248	2600.		220		220		100	U
PCB1254	100	U	170		320		1600.	
PCB1260	470		650		880		2400.	

/  
 Nibblet +  
 200cm<sup>2</sup>  
 SN# 52216  
 /  
 Nibblet  
 200cm<sup>2</sup>  
 /  
 Nibblet  
 200cm<sup>2</sup>  
 /  
 Nibblet  
 200cm<sup>2</sup>

DRAFT - unreviewed data

ANALYSIS TYPE: WIFE SAMPLES--PCBS ONLY

*ug/wipe sample*

TITLE: ROSE CHEMICAL

MATRIX: ~~FISH~~ Wipe

UNITS: ~~MG/KG~~

LAB: EPA 7

METHOD: 8111S71

CASE:

SAMPLE PREP:----- ANALYST/ENTRY: SRI

REVIEWER: -----

DATE: 10/10/86

SAMPLE NUMBERS

K158D011

COMPOUND

PCB1221	75.0	U
PCB1232	25.0	U
PCB1016 OR	100	U
PCB1242	1500.	
PCB1248	100	U
PCB1254	740	
PCB1260	610	

*Good saw*

*Good Brothers*

*DRAFT - unreviewed data*

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

ug/wipe smpl

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

SR

MATRIX: FISH Wipe  
 METHOD: 8111S71  
 REVIEWER: \_\_\_\_\_

UNITS: ~~MG/KG~~  
 CASE:  
 DATE: 10/11/86

SAMPLE NUMBERS

COMPOUND	K158D013	K158D014	K158D015	K158D016
PCB1221	15.0 U	15.0 U	15.0 U	15.0 U
PCB1232	5.00 U	5.00 U	5.00 U	5.00 U
PCB1016 OR	20.0 U	20.0 U	20.0 U	20.0 U
PCB1242	20.0 U	20.0 U	20.0 U	20.0 U
PCB1248	82.0	350	370	160
PCB1254	56.0	470	880	240
PCB1260	100	1700.	1500.	990

A.C. from  
 PIPE  
 THROUGH  
 RING

200cm  
 H. B. W. W. W.

W. W. W.  
 200cm

W. W. W.  
 200cm

L. W. W.  
 200cm

DRAFT - unreviewed data

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

ug/wipe smpl

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: SR2

SR

MATRIX: FISH Wipe

METHOD: 8111S71

REVIEWER: \_\_\_\_\_

UNITS: MG/KG

CASE: \_\_\_\_\_

DATE: 10/11/86

SAMPLE NUMBERS

COMPOUND	K158D017		K158D018		K158D019		K158D020	
PCB1221	15.0	U	75.0	U	75.0	U	15.0	U
PCB1232	5.00	U	25.0	U	25.0	U	5.00	U
PCB1016 OR	20.0	U	100	U	100	U	20.0	U
PCB1242	20.0	U	100	U	1200.		190	
PCB1248	480		2700.		100	U	20.0	U
PCB1254	990		2400.		1300.		300	
PCB1260	1800.		5800.		1400.		550	

metal  
piece of  
Equip  
contaminated

Sealing  
all is  
Electro  
instr.  
99951

BUFE  
wall press

Acoustic  
ultra  
graph  
pathway  
tech

DRAFT - unreviewed data

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

MATRIX: FISH Wipe  
 METHOD: 8111S71  
 REVIEWER: \_\_\_\_\_

*ug/wipe smpl*  
 UNITS: MG/KG  
 CASE: \_\_\_\_\_  
 DATE: 10/11/86

ANALYST/ENTRY: *SR* SR2

SAMPLE NUMBERS

COMPOUND	K158D021	K158D022	K158D023	K158D024
PCB1221	15.0 U	15.0 U	15.0 U	0.3 U
PCB1232	5.00 U	5.00 U	5.00 U	0.1 U
PCB1016 OR	20.0 U	20.0 U	20.0 U	0.4 U
PCB1242	20.0 U	20.0 U	140	0.4 U
PCB1248	320	360	20.0 U	0.4 U
PCB1254	430	330	190	3.10
PCB1260	730	300	290	1.50 M

*1  
1000m<sup>2</sup>  
Lang center  
tank*

*1  
PCB1016 OR  
Clamp  
wipes*

*1  
K158D023  
wipes*

*1  
K158D024  
B.L.M.C*

DRAFT - ~~unreviewed~~ data

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP:----- ANALYST/ENTRY: SR2

SR

MATRIX: FISH Wipe

METHOD: 8111S71

REVIEWER: -----

ug/wipe smpl

UNITS: MG/KG

CASE:

DATE: 10/11/86

SAMPLE NUMBERS

K158D027

COMPOUND

PCB1221	3.00	U
PCB1232	1.00	U
PCB1016 OR	4.00	U
PCB1242	4.00	U
PCB1248	19.0	M
PCB1254	44.0	
PCB1260	120	

Thomas

Livstone

Wiper

Draft - ~~unreviewed~~ data

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

µg/wipe smpl

TITLE: ROSE CHEMICAL

MATRIX: FISH Wipe

UNITS: ~~MG/KG~~

LAB: EPA 7

METHOD: 8111S71

CASE:

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: SR1

REVIEWER: \_\_\_\_\_

DATE: 10/16/86

SAMPLE NUMBERS

COMPOUND	K158D041	K158D042	K158D043	K158D044
PCB1221	3.00 U	3.00 U	3.00 U	3.00 U
PCB1232	1.00 U	1.00 U	1.00 U	1.00 U
PCB1016 OR	4.00 U	4.00 U	4.00 U	4.00 U
PCB1242	78.0	4.00 U	28.0	20.0 M
PCB1248	4.00 U	4.00 U	4.00 U	4.00 U
PCB1254	230	4.00 U	34.0	34.0
PCB1260	670	1.00 U	N/A I	410

4 Green  
Steel  
Racks

3 Gray  
steel

2 metal  
cabinets

3 metal  
w/ rack

100 cm<sup>2</sup>

75 cm<sup>2</sup>

50 cm<sup>2</sup>

75 cm<sup>2</sup>

(90)

(90)

(90)

DRAFT - unreviewed data

Steel Foot  
w/ no steel

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: SR1

MATRIX: FISH Wipe

METHOD: 8111S71

REVIEWER: \_\_\_\_\_

ug/wipe smpl

UNITS: MG/KG

CASE:

DATE: 10/16/86

SAMPLE NUMBERS

COMPOUND	K158D045	K158D047	K158D048
PCB1221	3.00 U	3.00 U	3.00 U
PCB1232	1.00 U	1.00 U	1.00 U
PCB1016 OR	4.00 U	4.00 U	4.00 U
PCB1242	54.0	4.00 U	4.00 U
PCB1248	4.00 U	4.00 U	4.00 U
PCB1254	200	4.00 U	4.00 U
PCB1260	130	1.00 U	1.00 U

1  
tool  
shelves  
45 cm<sup>2</sup>

1  
short  
tank  
100

1  
floor  
400 cm

DRAFT - unreviewed data

ANALYSIS TYPE: FCB DATA

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

MATRIX: SEDIMENT  
 METHOD: 7221S00  
 ANALYST/ENTRY: SR1

UNITS: UG/KG  
 CASE:  
 DATE: 10/16/86

SAMPLE NUMBERS

COMPOUND	K158D025	K158D026	K158D028	K158D029
PCB1221	250 U	250 U	250 U	25.0 U
PCB1232	100 U	100 U	100 U	10.0 U
PCB1016 OR	300 U	300 U	300 U	30.0 U
PCB1242	190	300 U	110	150
PCB1248	300 U	300 U	300 U	30.0 U
PCB1254	550	210	180	67.0
PCB1260	1500.	1100.	150	43.0

*Draft*  
*Unreviewed*  
*Data*

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL  
LAB: EPA 7  
SAMPLE PREP: \_\_\_\_\_

*SR* MATRIX: SEDIMENT  
METHOD: 7221S00  
ANALYST/ENTRY: SR1 REVIEWER: \_\_\_\_\_

UNITS: UG/KG  
CASE:  
DATE: 10/16/86

SAMPLE NUMBERS

K158D030

COMPOUND

PCB1221	250	U
PCB1232	100	U
PCB1016 OR	300	U
PCB1242	300	U
PCB1248	660	
PCB1254	930	
PCB1260	3600.	

*Draft  
Unreviewed  
Data*

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

*SK*

ANALYST/ENTRY: SR1

MATRIX: SEDIMENT  
 METHOD: 7221S00  
 REVIEWER: \_\_\_\_\_

UNITS: UG/KG  
 CASE:  
 DATE: 10/23/86

SAMPLE NUMBERS

COMPOUND	K158D031		K158D032		K158D033		K158D046
PCB1221	62000.	U	250	U	1300.	U	280000.U
PCB1232	25000.	U	100	U	500	U	110000.U
PCB1016 DR	75000.	U	300	U	1500.	U	330000.U
PCB1242	77000.		300	U	1500.	U	330000.U
PCB1248	75000.	U	270		1700.		190000.
PCB1254	120000.		1000.		5700.		510000.
PCB1260	92000.		1200.		8300.		590000.

*DRAFT - unreviewed data*

ANALYSIS TYPE: WIFE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: IRR

*JMR*

MATRIX: FISH

METHOD: 8111S71

REVIEWER: \_\_\_\_\_

UNITS: MG/KG

CASE:

DATE: 10/16/86

SAMPLE NUMBERS

COMPOUND	K158D034		K158D035		K158D036		K158D037	
PCB1221	3.00	U	15.0	U	3.00	U	3.00	U
PCB1232	1.00	U	5.00	U	1.00	U	1.00	U
PCB1016 OR	4.00	U	20.0	U	4.00	U	4.00	U
PCB1242	28.0		120		4.00	U	4.00	U
PCB1248	49.0		220		4.00	U	4.00	U
PCB1254	18.0		220		4.00	U	4.00	U
PCB1260	1.00	U	240		1.00	U	1.00	U

*Draft  
Unreviewed  
Data*

ANALYSIS TYPE: WIFE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL  
LAB: EPA 7  
SAMPLE PREP: \_\_\_\_\_



ANALYST/ENTRY: IRR

MATRIX: FISH  
METHOD: 8111S71  
REVIEWER: \_\_\_\_\_

UNITS: MG/KG  
CASE:  
DATE: 10/16/86

SAMPLE NUMBERS

COMPOUND	K158D038	K158D039	K158D040
PCB1221	15.0 U	3.00 U	3.00 U
PCB1232	5.00 U	1.00 U	1.00 U
PCB1016 OR	20.0 U	4.00 U	4.00 U
PCB1242	390	42.0	81.0
PCB1248	1100.	80.0	210
PCB1254	1900.	41.0	4.00 U
PCB1260	950	1.00 U	430

*Draft  
unverified  
Data*

ANALYSIS TYPE: WIPE SAMPLES--PCBS ONLY

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: *SK* SR1

MATRIX: FISH *Wipe*

METHOD: 8111S71

REVIEWER: \_\_\_\_\_

*ug/wipe smpl*  
UNITS: ~~MG/KG~~  
CASE:  
DATE: 10/23/86

SAMPLE NUMBERS

K158D049

COMPOUND

PCB1221	3.00	U
PCB1232	1.00	U
PCB1016 OR	4.00	U
PCB1242	120	
PCB1248	4.00	U
PCB1254	110	
PCB1260	120	

*DRAFT - un reviewed data*

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL

LAB: EPA 7

SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: SR1

MATRIX: SEDIMENT

METHOD: 7221S00

REVIEWER: \_\_\_\_\_

UNITS: UG/KG

CASE: \_\_\_\_\_

DATE: 10/23/86

SAMPLE NUMBERS

K158D051

COMPOUND

PCB1221	15000.	U
PCB1232	5900.	U
PCB1016 OR	18000.	U
PCB1242	32000.	U
PCB1248	18000.	U
PCB1254	12000.	U
PCB1260	7800.	M

DRAFT - unreviewed data

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL  
 LAB: EPA 7  
 SAMPLE PREP: \_\_\_\_\_

*SL*

MATRIX: <sup>oil</sup> ~~SEDIMENT~~  
 METHOD: 7201H00  
 REVIEWER: \_\_\_\_\_

UNITS: UG/KG  
 CASE: \_\_\_\_\_  
 DATE: 10/23/83

SAMPLE NUMBERS

COMPOUND	53 K158D049			K158D050			K158D052		
	PCB1221	12000.	U	62000.	U	3800.	U		
PCB1232	4800.	U	25000.	U	1500.	U			
PCB1016 OR	14000.	U	75000.	U	4500.	U			
PCB1242	14000.	U	46000.	U	4500.	U			
PCB1248	14000.	U	75000.	U	4500.	U			
PCB1254	17000.	U	88000.	U	5300.	U			
PCB1260	9700.		7100.	M	1500.	U			

*DRAFT - unreviewed data*

ANALYSIS TYPE: PCB DATA

TITLE: ROSE CHEMICAL  
LAB: EPA 7  
SAMPLE PREP: \_\_\_\_\_

*SL* MATRIX: <sup>oil</sup> SEDIMENT  
METHOD: 7201H00  
ANALYST/ENTRY: SR1  
REVIEWER: \_\_\_\_\_

UNITS: UG/KG  
CASE:  
DATE: 10/23/83

SAMPLE NUMBERS

COMPOUND	K158D049 <sup>53</sup>		K158D050		K158D052	
PCB1221	12000.	U	62000.	U	3800.	U
PCB1232	4800.	U	25000.	U	1500.	U
PCB1016 OR	14000.	U	75000.	U	4500.	U
PCB1242	14000.	U	46000.	U	4500.	U
PCB1248	14000.	U	75000.	U	4500.	U
PCB1254	17000.	U	88000.	U	5300.	U
PCB1260	9700.		7100.	M	1500.	U

DRAFT - *unreviewed data*